Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 30 Dec 2021 until 23:59 on Friday 31 Dec 2021

Forecast Issued on Thursday 30 Dec 2021 at 01:27

Confidence: High for mild but unsettled conditions the rest of this week, with spells of wet and windy weather. Moderate confidence for transition to colder conditions next week.

Headline for Thursday 30 Dec 2021: Cloudy with outbreaks of rain and drizzle. Very mild for the time of year.

Mountain weather hazards on Thursday 30 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Cloudy	Heavy Rain	Heavy Rain
Precipitation probability					
60%	60%	60%	40%	60%	80%

Forecast for Thursday 30 Dec 2021

Weather: Cloudy and breezy with outbreaks of rain and drizzle, but becoming largely dry for a time in the afternoon. However, heavy persistent rain will return in the evening.

Chance of cloud free mountain/hill tops above 600m: 10-20% in the west, 30-40% in the east.

Visibility: Good at times lower down, otherwise moderate or poor in rain and drizzle, and occasionally very poor over the tops. Extensive cloud, base 500-700m, occasionally lowering to 400m at times.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 30 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/33 SW	21/30 SW	21/30 SW	16/23 SW	12/18 SW	20/28 SW	28/39 SW
300	13/29 SW	12/26 SW	14/28 SW	11/24 SW	7/18 SW	11/25 SW	17/36 SW
Valley	10/25 SW	11/25 SW	10/23 SW	6/17 SW	4/13 S	8/22 SW	14/32 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/4	9/5	9/5	8/6	9/5	8/4
300	10/7	10/7	10/7	10/7	10/8	10/8	10/7
Valley	10/8	10/8	10/8	10/9	10/9	11/9	11/9
Freezing Level*	2200m	2200m	2100m	2000m	2200m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Navigational difficulties possible at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 30 Dec 2021	9.6mm	11mm	12.8mm

Forecast for Friday 31 Dec 2021
Weather: Cloudy with outbreaks of rain overnight and during the morning, heavy and persistent at times. Turning drier in the afternoon with the cloud lifting and breaking.

Maximum wind: West/Southwest 30-40 mph gusting 50-60mph over the tops.

Chance of cloud free mountain/hill tops above 600m: Nil to 20% becoming 70% by dusk.

Visibility: Moderate or poor in rain and very poor at height, becoming mostly good or very good in the afternoon. Extensive cloud, base 600m or less, lifting and breaking to patches near or above the tops during the afternoon.

Temperature: **Valleys:** Plus 8 to 12 Celsius
At 600m: Plus 7 Celsius
Freezing level: Above the summits.

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